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#### TITLE I—AUTHORIZATION OF APPROPRIATIONS

##### SEC. 101. SCIENTIFIC AND TECHNICAL RESEARCH AND SERVICES.

(a) **LABORATORY ACTIVITIES.**—There are authorized to be appropriated to the Secretary of Commerce for the scientific and technical research and services laboratory activities of the National Institute of Standards and Technology—

- (1) \$470,879,000 for fiscal year 2008;
- (2) \$497,750,000 for fiscal year 2009; and
- (3) \$537,569,000 for fiscal year 2010.

(b) **MALCOLM BALDRIGE NATIONAL QUALITY AWARD PROGRAM.**—There are authorized to be appropriated to the Secretary of Commerce for the Malcolm Baldrige National Quality Award program under section 17 of the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3711a)—

- (1) \$7,860,000 for fiscal year 2008;
- (2) \$8,096,000 for fiscal year 2009; and
- (3) \$8,339,000 for fiscal year 2010.

(c) **CONSTRUCTION AND MAINTENANCE.**—There are authorized to be appropriated to the Secretary of Commerce for construction and maintenance of facilities of the National Institute of Standards and Technology—

- (1) \$93,865,000 for fiscal year 2008;
- (2) \$86,371,000 for fiscal year 2009; and
- (3) \$49,719,000 for fiscal year 2010.

##### SEC. 102. INDUSTRIAL TECHNOLOGY SERVICES.

There are authorized to be appropriated to the Secretary of Commerce for Industrial Technology Services activities of the National Institute of Standards and Technology—

- (1) \$222,968,000 for fiscal year 2008, of which—

(A) \$110,000,000 shall be for the Technology Innovation Program under section 28 of the National Institute of Standards and Technology Act (15 U.S.C. 278n), of which at least \$45,000,000 shall be for new awards; and

(B) \$112,968,000 shall be for the Manufacturing Extension Partnership program under sections 25 and 26 of the National Institute of Standards and Technology Act (15 U.S.C. 278k and 278l), of which not more than \$1,000,000 shall be for the competitive grant program under section 25(f) of such Act;

- (2) \$263,505,000 for fiscal year 2009, of which—

(A) \$141,500,000 shall be for the Technology Innovation Program under section 28 of the National Institute of Standards and Technology Act (15 U.S.C. 278n), of which at least \$45,000,000 shall be for new awards; and

(B) \$122,005,000 shall be for the Manufacturing Extension Partnership Program under sections 25 and 26 of the National Institute of Standards and Technology Act (15 U.S.C. 278k and 278l), of which not more than \$4,000,000 shall be for the competitive grant program under section 25(f) of such Act; and

- (3) \$282,266,000 for fiscal year 2010, of which—

(A) \$150,500,000 shall be for the Technology Innovation Program under section 28 of the National Institute of Standards and Technology Act (15 U.S.C. 278n), of which at least \$45,000,000 shall be for new awards; and

(B) \$131,766,000 shall be for the Manufacturing Extension Partnership Program under sections 25 and 26 of the National Institute of Standards and Technology Act (15 U.S.C. 278k and 278l), of which not more than \$4,000,000 shall be for the competitive grant program under section 25(f) of such Act.

#### TITLE II—INNOVATION AND TECHNOLOGY POLICY REFORMS

##### SEC. 201. INSTITUTE-WIDE PLANNING REPORT.

Section 23 of the National Institute of Standards and Technology Act (15 U.S.C. 278i) is amended by adding at the end the following new subsections:

“(c) Concurrent with the submission to Congress of the President’s annual budget request in the first year after the date of enactment of the Technology Innovation and Manufacturing Stimulation Act of 2007, the Director shall transmit to the Congress a 3-year programmatic planning document for the Institute, including programs under the Scientific and Technical Research and Services, Industrial Technology Services, and Construction of Research Facilities functions.

“(d) Concurrent with the submission to the Congress of the President’s annual budget request in each year after the date of enactment of the Technology Innovation and Manufacturing Stimulation Act of 2007, the Director shall transmit to the Congress an update to the 3-year programmatic planning document transmitted under subsection (c), revised to cover the first 3 fiscal years after the date of that update.”.

##### SEC. 202. REPORT BY VISITING COMMITTEE.

Section 10(h)(1) of the National Institute of Standards and Technology Act (15 U.S.C. 278(h)(1)) is amended—

(1) by striking “on or before January 31 in each year” and inserting “within 30 days after the submission to Congress of the President’s annual budget request in each year”; and

(2) by adding to the end the following: “Such report also shall comment on the programmatic planning document and updates thereto transmitted to the Congress by the Director under section 23(c) and (d).”.

##### SEC. 203. MANUFACTURING EXTENSION PARTNERSHIP.

(a) **MEP ADVISORY BOARD.**—Section 25 of the National Institute of Standards and Technology Act (15 U.S.C. 278k) is amended by adding at the end the following new subsection:

“(e) **MEP ADVISORY BOARD.**—(1) There is established within the Institute a Manufacturing Extension Partnership Advisory Board (in this Act referred to as the ‘MEP Advisory Board’). The MEP Advisory Board shall consist of 10 members broadly representative of stakeholders, to be appointed by the Director. At least 2 members shall be employed by or on an advisory board for the Centers, and at least 5 other members shall be from United States small businesses in the manufacturing sector. No member shall be an employee of the Federal Government.

“(2)(A) Except as provided in subparagraph (B) or (C), the term of office of each member of the MEP Advisory Board shall be 3 years.

“(B) The original members of the MEP Advisory Board shall be appointed to 3 classes. One class of 3 members shall have an initial term of 1 year, one class of 3 members shall have an initial term of 2 years, and one class of 4 members shall have an initial term of 3 years.

“(C) Any member appointed to fill a vacancy occurring prior to the expiration of the term for which his predecessor was appointed shall be appointed for the remainder of such term.

“(D) Any person who has completed two consecutive full terms of service on the MEP Advisory Board shall thereafter be ineligible for ap-

pointment during the one-year period following the expiration of the second such term.

“(3) The MEP Advisory Board shall meet no less than 2 times annually, and provide to the Director—

“(A) advice on Manufacturing Extension Partnership programs, plans, and policies;

“(B) assessments of the soundness of Manufacturing Extension Partnership plans and strategies; and

“(C) assessments of current performance against Manufacturing Extension Partnership program plans.

“(4) In discharging its duties under this subsection, the MEP Advisory Board shall function solely in an advisory capacity, in accordance with the Federal Advisory Committee Act.

“(5) The MEP Advisory Board shall transmit an annual report to the Secretary for transmittal to the Congress within 30 days after the submission to the Congress of the President’s annual budget request in each year. Such report shall address the status of the Manufacturing Extension Partnership program and comment on the relevant sections of the programmatic planning document and updates thereto transmitted to the Congress by the Director under section 23(c) and (d).”.

(b) **ACCEPTANCE OF FUNDS.**—Section 25(d) of the National Institute of Standards and Technology Act (15 U.S.C. 278k(d)) is amended to read as follows:

“(d) **ACCEPTANCE OF FUNDS.**—In addition to such sums as may be appropriated to the Secretary and Director to operate the Centers program, the Secretary and Director also may accept funds from other Federal departments and agencies and under section 2(c)(7) from the private sector for the purpose of strengthening United States manufacturing. Such funds, if allocated to a Center or Centers, shall not be considered in the calculation of the Federal share of capital and annual operating and maintenance costs under subsection (c).”.

(c) **MANUFACTURING EXTENSION CENTER COMPETITIVE GRANT PROGRAM.**—Section 25 of the National Institute of Standards and Technology Act (15 U.S.C. 278k), as amended by subsection (a) of this section, is further amended by adding at the end the following new subsection:

“(f) **COMPETITIVE GRANT PROGRAM.**—

“(1) **ESTABLISHMENT.**—The Director shall establish, within the Manufacturing Extension Partnership program under this section and section 26 of this Act, a program of competitive awards among participants described in paragraph (2) for the purposes described in paragraph (3).

“(2) **PARTICIPANTS.**—Participants receiving awards under this subsection shall be the Centers, or a consortium of such Centers.

“(3) **PURPOSE.**—The purpose of the program under this subsection is to develop projects to solve new or emerging manufacturing problems as determined by the Director, in consultation with the Director of the Manufacturing Extension Partnership program, the Manufacturing Extension Partnership Advisory Board, and small and medium-sized manufacturers. One or more themes for the competition may be identified, which may vary from year to year, depending on the needs of manufacturers and the success of previous competitions. These themes shall be related to projects associated with manufacturing extension activities, including supply chain integration and quality management, and including the transfer of technology based on the technological needs of manufacturers and available technologies from institutions of higher education, laboratories, and other technology producing entities, or extend beyond these traditional areas.

“(4) **APPLICATIONS.**—Applications for awards under this subsection shall be submitted in such manner, at such time, and containing such information as the Director shall require, in consultation with the Manufacturing Extension Partnership Advisory Board.